

<b>Supplemental Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	061818-5002-US04
		Application Number	10/044,899
Title of Invention	OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS		
<p>The application data sheet is part of the provisional or nonprovisional application which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

## Secrecy Order 37 CFR 5.2

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically).
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## Applicant Information:

<b>Applicant 1</b>					
<b>Applicant Authority</b>		<input checked="" type="checkbox"/> Inventor	<input type="checkbox"/> Legal Representative under 35 USC 117	<input type="checkbox"/> Part of Interest under 35 USC 118	
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>	
	Nicholas	L.	ABBOTT		
<b>Residence Information (Select One)</b>		<input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service			
<b>City</b>	Madison	<b>State/Province</b>	WI	<b>Country of Residence</b>	USA
<b>Citizenship under 37 CFR 1.41(b)</b>		USA			
<b>Mailing Address of Applicant:</b>					
<b>Address 1</b>		2120 Jefferson Street			
<b>Address 2</b>					
<b>City</b>	Madison	<b>State/Province</b>	WI		
<b>Postal Code</b>	53711	<b>Country</b>	USA		

<b>Applicant 2</b>					
<b>Applicant Authority</b>		<input checked="" type="checkbox"/> Inventor	<input type="checkbox"/> Legal Representative under 35 USC 117	<input type="checkbox"/> Part of Interest under 35 USC 118	
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>	
	Vinay	K.	GUPTA		
<b>Residence Information (Select One)</b>		<input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service			
<b>City</b>	Tampa	<b>State/Province</b>	FL	<b>Country of Residence</b>	USA
<b>Citizenship under 37 CFR 1.41(b)</b>		USA			
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<b>Postal Code</b>	33647	<b>Country</b>	USA		

<b>Applicant 3</b>					
<b>Applicant Authority</b>		<input checked="" type="checkbox"/> Inventor		<input type="checkbox"/> Legal Representative under 35 USC 117	
				<input type="checkbox"/> Part of Interest under 35 USC 118	
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>	
	Rahul		SHAH		
<b>Residence Information (Select One)</b>		<input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service			
<b>City</b>	Woodburg	<b>State/Province</b>	MN	<b>Country of Residence</b>	USA
<b>Citizenship under 37 CFR 1.41(b)</b>		USA			
<b>Mailing Address of Applicant:</b>					
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<b>Address 2</b>					
<b>City</b>	Woodburg	<b>State/Province</b>		MN	
<b>Postal Code</b>	55125	<b>Country</b>	USA		

### Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.  
For further information see 37 CFR 1.33(a).

<b>Customer Number</b>	43850
<b>Email Address</b>	jmann@morganlewis.com

### Application Information:

<b>Title of Invention</b>	Optical amplification of molecular interactions using liquid crystals				
<b>Attorney Docket Number</b>	061818-5002-US04	<input checked="" type="checkbox"/> Small Entity Status Claimed			
<b>Subject Matter</b>					
<b>Suggested Class (if any)</b>					
<b>Suggested Technology Center (if any)</b>					
<b>Total Number of Drawing Sheets (if any)</b>		<b>Suggested Figure for Publication (if any)</b>			

### Publication Information:

- ☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)
- ☐ Request Not to Publish. I hereby request that the attached application not be published under 35 USC 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

### Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

<b>Please Select One:</b>	<input checked="" type="checkbox"/> Customer Number	<input type="checkbox"/> US Patent Practitioner	<input type="checkbox"/> US Representative (37 CFR 11.9)
<b>Customer Number</b>	43850		

**Domestic Priority Information:**

This section allows for the applicant to claim benefit under 35 U.S.C. 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status:		<input checked="" type="checkbox"/> Patented	<input type="checkbox"/> Abandoned
		<input type="checkbox"/> Pending	<input type="checkbox"/> Expired
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
This application	<input checked="" type="checkbox"/> Continuation of <input type="checkbox"/> Divisional of <input type="checkbox"/> Continuation in part of <input type="checkbox"/> a 371 of international <input type="checkbox"/> Substitution of <input type="checkbox"/> Reissue of <input type="checkbox"/> Nonprovisional of	09/898,132	2001-07-03

Prior Application Status:		<input checked="" type="checkbox"/> Patented	<input type="checkbox"/> Abandoned
		<input type="checkbox"/> Pending	<input type="checkbox"/> Expired
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/898,132	<input checked="" type="checkbox"/> Continuation of <input type="checkbox"/> Divisional of <input type="checkbox"/> Continuation in part of <input type="checkbox"/> a 371 of international <input type="checkbox"/> Substitution of <input type="checkbox"/> Reissue of <input type="checkbox"/> Nonprovisional of	09/127,382	1998-07-31

Prior Application Status:		<input checked="" type="checkbox"/> Patented	<input checked="" type="checkbox"/> Abandoned
		<input type="checkbox"/> Pending	<input type="checkbox"/> Expired
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/127,382	<input type="checkbox"/> Continuation of <input type="checkbox"/> Divisional of <input checked="" type="checkbox"/> Continuation in part of <input type="checkbox"/> a 371 of international <input type="checkbox"/> Substitution of <input type="checkbox"/> Reissue of <input type="checkbox"/> Nonprovisional of	09/092,453	1998-06-05

Prior Application Status:		<input type="checkbox"/> Patented	<input type="checkbox"/> Abandoned
		<input type="checkbox"/> Pending	<input type="checkbox"/> Expired
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	<input type="checkbox"/> Continuation of <input type="checkbox"/> Divisional of <input type="checkbox"/> Continuation in part of <input type="checkbox"/> a 371 of international <input type="checkbox"/> Substitution of <input type="checkbox"/> Reissue of <input type="checkbox"/> Nonprovisional of		

**Foreign Priority Information:**

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Application Number	Country	Parent Filing Date (YYYY-MM-DD)	Priority Claimed	
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO

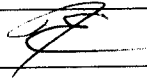
**Assignee Information:**

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

<b>Assignee 1</b>				
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>		<b>Name</b> The Regents of the University of California		
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>
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<b>Address 1</b>		The Regents of the University of California		
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<b>Country</b>	USA		<b>Postal Code</b>	94607
<b>Phone Number</b>		510.587.6000	<b>Fax Number</b>	
<b>Email Address</b>				

<b>Assignee 2</b>				
If the Assignee is an Organization check here. <input type="checkbox"/>		<b>Name</b>		
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>
<b>Mailing Address Information:</b>				
<b>Address 1</b>				
<b>Address 2</b>				
<b>City</b>			<b>State/Province</b>	
<b>Country</b>			<b>Postal Code</b>	
<b>Phone Number</b>			<b>Fax Number</b>	
<b>Email Address</b>				

**Signature:**

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.			
<b>Signature</b> Under 37 CFR 1.34		<b>Date</b>	August 27, 2007
<b>Printed Name</b>	Todd Esker	<b>Reg. No.</b>	46,690

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**